

ABSTRACT OF THE DISCLOSURE

By mixing bone morphogenetic factor human MP52 with mannitol at a weight ratio of 1 : 5-50, followed by lyophilization, a stable lyophilized composition of bone morphogenetic factor human MP52 is obtained which prevents coloring and atrophy of the lyophilized product of bone morphogenetic factor human MP52 during storage and also prevents cohesion at the time of reconstitution.